

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER: 200308306-1

IN RE APPLICATION OF: U.S. Patent No. 6,993,462

USPTO CONFIRMATION CODE: 5818

APPLICATION NO.: 09/654,401

FILED: Sep. 01, 2000

EXAMINER: Jean R. Homere

GROUP ART UNIT: 2128

FOR: METHOD FOR MOTION SYNTHESIS AND INTERPOLATION USING  
SWITCHING LINEAR DYNAMIC SYSTEM MODELS

37 CFR 1.322 & 37 CFR 1.323 REQUEST FOR CERTIFICATE OF CORRECTION

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS

Sir:

The following is a request for a certificate of correction in Serial Number 09/654,401, now Patent Number 6,993,462.

A certificate of correction under 35 USC 254 is respectfully requested in the above-identified patent.

☒ All errors were the fault of the USPTO, no fee required. In the event that a further fee is required, please charge the amount to Deposit Account No. 082025.

☐ All errors were the fault of the applicant and, accordingly, please charge \$100.00 to our Deposit Account No. 082025. In the event that a further fee is required, please charge the amount to the same Deposit Account.

☐ The errors were the fault of both the applicant and USPTO and, accordingly, please charge \$100.00 to our Deposit Account No. 082025. In the event that a further fee is required, please charge the amount to the same Deposit Account.

The exact locations where the errors appear in the patent and patent application are as follows:

In column 12, line 35, delete " $[\hat{X}_{n(t)}]_{\hat{X}_{n(t)}} \triangleq \langle x_i | Y_i, s_T = e_i \rangle$ "

and insert - -  $\hat{X}_{n(t)} \triangleq \langle x_i | Y_i, s_T = e_i \rangle$  - -, therefor.

(Amendment to specification filed on Aug. 18, 2005, page 2, line 17)

In column 14, below line 2, insert - - for  $t=1:T-1$  (Steps 104, 122) - -.

(Amendment to specification filed on Jun. 24, 2005, page 2, line 8)

In column 14, above line 3, insert - - for  $i=1:S$  (Steps 106, 120) - -.

(Amendment to specification filed on Jun. 24, 2005, page 2, line 9)

In column 15, line 57, delete " $\langle x_i \rangle = E\{x_i | U_i\}$ " and

insert - -  $\langle x_i \rangle = E[x_i | Y_i]$  - -, therefor.

(Specification filed on Sep. 01, 2000, page 26, line 1)

In column 17, line 50, delete "Initialize  $P_i(s_0 = i) = p(i, \text{ for } i=0, \dots, S-1;$  (Step 202)".

(Specification filed on Sep. 01, 2000, page 29, line 1)

In column 26, line 4, delete " $j^* \rightarrow j$ " and insert - -  $j \rightarrow j^*$  - -, therefor.

(Specification filed on Sep. 01, 2000, page 43, line 5)

In column 26, line 23, delete " $j=\text{arg}$ " and insert - -  $j^*=\text{arg}$  - -, therefor.

(Specification filed on Sep. 01, 2000, page 43, line 18)

In column 31, line 15, after "state" delete " $S_i$ " and insert - -  $S_{t-1}$  - -, therefor.

(Specification filed on Sep. 01, 2000, page 51, line 25)

In column 36, line 10, in Claim 22, delete "(SLDS)" and

insert - - (LDS) - -, therefor.

(Amendment to claims filed on Aug. 18, 2005, page 5, in Claim 22, line 3)

In column 37, line 24, in Claim 27, delete "which;" and insert - - which: - -, therefor.

(Amendment to claims filed on Aug. 18, 2005, page 8, in Claim 27, line 2)

In column 37, line 55, in Claim 28, delete "estate;" and insert - - estimate; - -, therefor.

(Amendment to claims filed on Aug. 18, 2005, page 8, in Claim 29, line 10)

The requested corrections are attached on Form PTO 1050.

Respectfully Submitted

1/7/10  
DATE

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

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PATENT NO. : 6,993,462

APPLICATION NO. : 09/654,401

ISSUE DATE : Jan. 31, 2006

INVENTOR(S) : Vladimir Pavlovic, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 12, line 35, delete " $\{[\hat{x}_{n,j}]\}_{n,j} \triangleq (x_i|V_i, s_T = e_i)^*$ " and insert - " $\hat{x}_{n,j} \triangleq (x_i|V_i, s_T = e_i)^*$  - , therefor.

In column 14, below line 2, insert - "for  $t=1:T-1$  (Steps 104, 122) - -.

In column 14, above line 3, insert - "for  $i=1:S$  (Steps 106, 120) - -.

In column 15, line 57, delete " $\langle x_i \rangle = E[\langle x_i | U_i \rangle]$ " and insert - " $\langle x_i \rangle = E[\langle x_i | V_i \rangle]$  - , therefor.

In column 17, line 50, delete "Initialize  $Pr(s_0 = i) = p(i)$ , for  $i=0, \dots, S-1$ ;" (Step 302)\*,

In column 26, line 4, delete " $j^* \rightarrow j$ " and insert - " $j \rightarrow j^*$  - , therefor.

In column 26, line 23, delete " $j=arg$ " and insert - " $j^*=arg$  - , therefor.

In column 31, line 15, after "state" delete "S<sub>i</sub>" and insert - "S<sub>i+1</sub> - , therefor.

In column 36, line 10, in Claim 22, delete "(SLDS)" and insert - "(LDS) - , therefor.

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This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

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**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

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In column 37, line 24, in Claim 27, delete "which;" and insert - - which; - -, therefor.

In column 37, line 55, in Claim 28, delete "estate;" and insert - - estimate; - -, therefor.

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This collection of information is required by 37 CFR 1.222, and 1.325, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Correction Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

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